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**PATENT**

Attorney Docket No. SONY-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applications of:

See attached table of Exhibit A

Serial No.:

Filing Date:

For:

**POWER OF ATTORNEY AND  
REVOCATION OF PRIOR  
POWERS OF ATTORNEY**

**RECEIVED**

**SEP 17 2002**

Technology Center 2600

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Sony Corporation and Sony Electronics Inc. owners of record of the applications included within the table of Exhibit A attached hereto, hereby revokes all prior powers of attorney which may have been filed with these patent applications and appoints the members of the firm of HAVERSTOCK & OWENS LLP, a firm including Jonathan O. Owens (Reg. No. 37,902) and Thomas E. Haverstock (Reg. No. 32,571), as its attorneys with full power of substitution to transact all business in the Patent and Trademark Office in connection therewith.

Sony Corporation and Sony Electronics, Inc. also hereby appoint the following attorney(s) and/or agent(s) to prosecute these applications and transact all business in the Patent and Trademark Office connect therewith:

|                 |                 |                     |                 |
|-----------------|-----------------|---------------------|-----------------|
| Peter C. Toto   | Reg. No. 36,293 | Jaime A. Siegel     | Reg. No. 39,027 |
| Harold T. Fujii | Reg. No. 38,458 | Frederick J. Zustak | Reg. No. 36,728 |
| Mark Gorman     | Reg. No. 43,641 | Milton M. Frazier   | Reg. No. 44,687 |
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Dated: Sept. 6, 2002

Sony Corporation

By: Fred Zustak

Name: FRED ZUSTAK

Title: MGR OF OPERATIONS, IPO

Sony Electronics Inc.

By: Fred Zustak

Name: FRED ZUSTAK

Title: MGR OF OPERATIONS, IPO

Dated: \_\_\_\_\_

# EXHIBIT A

| TITLE  | SERIAL NO. | FILING DATE | PATENT NO. | ISSUE DATE | INVENTOR(S)   | IPD #   | ATTY DOCKET |
|--|------------|-------------|------------|------------|---|---------|-------------|
| REMOTE MANUAL, MAINTENANCE, AND DIAGNOSTIC SERVICES FOR NETWORK ELECTRONIC DEVICES             | 09/705,478 | 11/2/00     |            |            | Klaus Hofrichter<br>Joseph Dara-Abrams<br>David Gaxiola | 50P3907 | SONY-22100  |
| SYSTEM AND METHOD FOR ENABLING ANONYMOUS PERSONALIZATION                                       | 09/768,951 | 1/23/01     |            |            | Richter A. Rafey<br>Klaus Hofrichter<br>Mario Tokoro    | 50P3903 | SONY-22000  |
| RESIDENTIAL GATEWAY SYSTEM FOR MANAGING SERVICE APPLICATIONS ASSOCIATE WITH ELECTRONIC DEVICES | 09/705,472 | 11/2/00     |            |            | Klaus Hofrichter<br>Joseph Dara-Abrams<br>David Gaxiola | 50P3909 | SONY-22200  |
| CONTENT AND APPLICATION DOWNLOAD BASED ON A HOME NETWORK SYSTEM CONFIGURATION PROFILE          | 09/705,442 | 11/2/00     |            |            | Klaus Hofrichter<br>Joseph Dara-Abrams<br>David Gaxiola | 50P3910 | SONY-23000  |

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| TITLE   | SERIAL NO. | FILING DATE | PATENT NO. | ISSUE DATE | INVENTOR(S)   | IPD #      | ATTY DOCKET |
|---|------------|-------------|------------|------------|---|------------|-------------|
| SYSTEM AND METHOD TO IMPROVE SPEED AND REDUCE MEMORY ALLOCATION FOR SET TOP BOX BOOT-UP                               | 09/672,106 | 9/27/00     |            |            | Gregor Said Jackson   | 50P4040    | SONY-22500  |
| HOME NETWORK CONTENT BROWSING SYSTEM  | 09/705,041 | 11/1/00     |            |            | Pierre-Guillaume Raverdy  | 50P3913    | SONY-22700  |
| PROCESS OF GENERATING A PERSONAL NEWSLETTER   | 09/705,229 | 11/1/00     |            |            | Pierre-Guillaume Raverdy  | 50P4285    | SONY-23000  |
| METHOD AND APPARATUS FOR A DECLARATIVE REPRESENTATION OF DISTORTION CORRECTION FOR ADD-ON GRAPHICS IN BROADCAST VIDEO | 09/942,251 | 8/28/01     |            |            | Michael Hoch  | 50P4220.01 | SONY-23100  |
| METHOD AND APPARATUS FOR A FRAMEWORK FOR STRUCTURED OVERLAY OF REAL TIME GRAPHICS                                     | 09/942,255 | 8/28/01     |            |            | Michael Hoch<br>Hubert Le Van Gong<br>Richter A. Rafey<br>Adam Brownstein | 50P4138.01 | SONY-23200  |

| TITLE  | SERIAL<br>NO. | FILING<br>DATE | PATENT<br>NO. | ISSUE<br>DATE | INVENTOR(S)              | IPD #      | ATTY<br>DOCKET |
|--|---------------|----------------|---------------|---------------|--------------------------|------------|----------------|
| METHOD AND<br>APPARATUS FOR<br>OPTIMIZED<br>DISTORTION<br>CORRECTION FOR<br>ADD-ON GRAPHICS<br>FOR REAL TIME VIDEO | 09/942,091    | 8/28/01        |               |               | Michael Hoch<br>Jim Kent | 50P4139.01 | SONY-23300     |
|  |               |                |               |               |                          |            |                |